WHAT IS CLAIMED IS:

1. A motor actuator in which a driving force of a motor is transmitted to a driven member through a driving force transmission mechanism to operate the driven member,

~~characterized in that~~wherein, the driving force transmission mechanism ~~includes~~ comprises a gear which is rotationally driven by the motor and a rack member which is linearly driven by the gear to operate the driven member, and

the gear is provided with a tooth-missing gear part in which a teeth part is formed at a predetermined position in a circumferential direction of the gear, and

the rack member is provided with a first rack part which causes the rack member to move in one direction when the motor rotates in one direction and the first rack part engages with the tooth-missing gear part and a second rack part which causes the rack member to move in the other direction when the motor rotates in the one direction and the second rack part engages with the tooth-missing gear part.

2. The motor actuator according to claim 1, wherein the tooth-missing gear part is in a non-engagement state with the second rack part when the tooth-missing gear part engages with the first rack part and the tooth-missing gear part is in a non-engagement state with the first rack part when the tooth-missing gear part engages with the second rack part.

3. The motor actuator according to claim 1, wherein the first rack part and the second rack part are extended in parallel to each other.

4. The motor actuator according to claim 1, wherein the rack member is provided with a pair of inner side portions between which the gear is disposed and which are extended in parallel to each other, and the first rack part is formed in one of a pair of the inner side portions and the second rack part is formed in the other of a pair of the inner side portions.

5. The motor actuator according to claim 1, wherein the driving force transmission mechanism includes, as the gear, a first gear on one side of both side positions of the rack

member and a second gear on the other side of the both side positions, and the rack member is provided with a pair of outer side portions which face in opposite directions and are extended in parallel to each other, and the first rack part is formed in one of a pair of the outer side portions and the second rack part is formed in the other of a pair of the outer side portions.

6. An opening/closing device provided with the motor actuator recited in ~~either of claims~~claim 1 ~~through 5~~, wherein the driven member is an opening/closing member whose position is changed between an open position and a close position by the rack member.